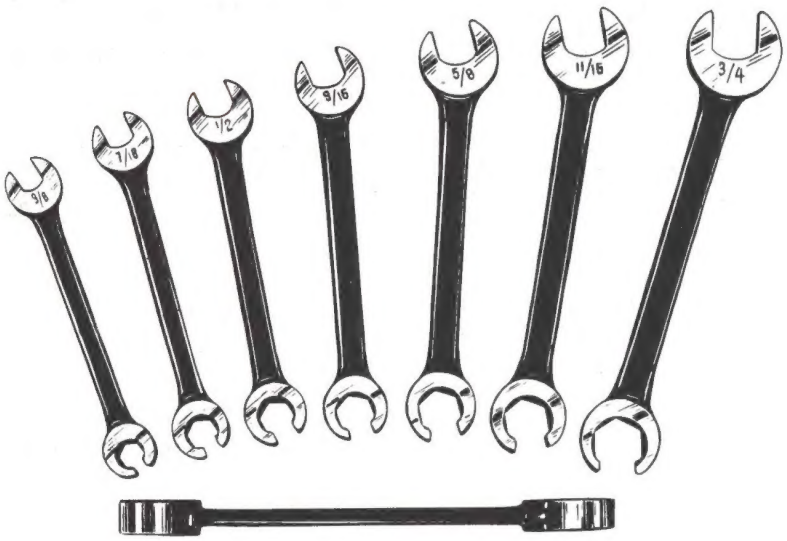
Tube Wrenches

C. T. I. TUBING WRENCHES



For removing and installing diesel injectors, also for work on hydraulic lines, gas lines and many other places where brass fittings are used. Slotted 6 point box wrench on one end, the other end has thick head open end wrench.

Number	Size	Length	Price
D-12	3/8 "	5-1/2"	1.95
D-14	7/16"	5-3/4"	2.05
D-16	1/2 "	6-1/4"	2.10
D-18	9/16"	6-1/2"	2.20
D-20	5/8 "	7"	2.35
D-22	11/16"	7-1/2"	2.45
D-24	3/4 "	8"	3.05
D-28	7/8 "	9"	3.20

PROTO FLARE NUT WRENCHES

For work on fluid and gas lines of air brake systems, hydraulic units, instruments, etc. Alloy steel. Chrome plated.

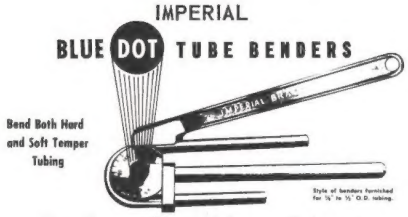
3712	3/8 " OPENING	1.95
3714	7/16" OPENING	1.99
3716	1/2 " OPENING	2.05
3718	9/16" OPENING	2.15
3720	5/8 " OPENING	2.15
3724	3/4 " OPENING	2.39
3728	7/8 " OPENING	2.69
3730	15/16" OPENING	2.89
3732	1" OPENING	2.89
3734	1- 1/16" OPENING	3.05
3736	1- 1/8 " OPENING	3.29

HERBRAND DOUBLE END FLARE NUT WRENCHES

Number	Size	Length	Price
1323	3/8 X 7/16"	5-1/2 "	2.42
1325	1/2 X 9/16"	6-5/16"	2.72
1327	5/8 X 11/16"	7-1/8 "	3.33

Tube Benders

IMPERIAL BLUE DOT TUBE BENDERS



Now Imperial's widely used lever-type tube benders have exclusive new design features which enable them to bend hard drawn copper, steel (including JIC), aluminum and stainless steel tubing and thin wall conduit, in addition to soft tubing. Bends can be made to any angle up to 180 degrees. Calibrated to show degree positions. A different size of bender is required for each size of tubing. Bender is extremely rugged and durable, yet light in weight.

Number	O.D. of Tubing	Radius of Tube	Price
364-FH	3/16"	7/16"	7.50
364-FH	1/4 "	9/16"	7.30
364-FH	5/16"	11/16"	8.75
364-FH	3/8 "	15/16"	8.35
364-FH	7/16"	1-1/2"	15.95
364-FH	1/2 "	1-1/2"	13.96
364-FH	5/8 "	2-1/4"	25.00
364-FH	3/4 "	3"	33.50

IMPERIAL HEAVY-DUTY TUBE BENDER

This heavy-duty, easy operating tube bender is used for bending 3/8, 1/2, 5/8, and 3/4 inch O.D. soft copper, aluminum or other soft, thin-wall metal tubing, by simply changing the mandrel and adjusting the block. Radius of bends (measured to center of tube) is as follows: 3/8" and 1/2" O.D. tube, 1-5/8"; 5/8" O.D., 2-1/4"; 3/4" O.D., 3". Bender comes in a steel chest which has ample space for carrying other tools needed on the job.

360-FH	SET COMPLETE	57.50

IMPERIAL TUBE BENDER

External Spring Type

This spring-type Imperial tube bender is an efficient, low-cost tool for bending tubing by hand to any desired shape without collapsing the tube. The belled end of the bender assures ease in removing from tubing after bend has been made.

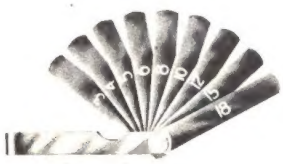
102-F	1/4 ", 10" LONG	.30
102-F	5/16", 10" LONG	.35
102-F	3/8 ", 10" LONG	.40
102-F	7/16", 12" LONG	.55
102-F	1/2 ", 12" LONG	.60
102-F	5/8 ", 12" LONG	.65
101-F	SET OF 6, 1/4" TO 5/8"	2.55
163-F	SET 4, 1/4, 3/8, 1/2, & 5/8	1.85

Standard Gauges

CALIFORNIA TOOL CO.
STANDARD FEELER GAUGES

FG- 1 10 BLADES: 2, 3, 4, 5, 6, 7, 8, 10, 12 & 15 THOUSANDTHS

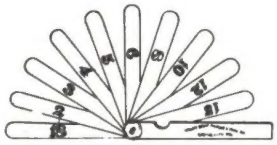
PROTO
STANDARD FEELER GAUGE SET



Nine short blades, 003, 004, 005, 006, 008, 010, 012, 015 and 018, in 000C holder.

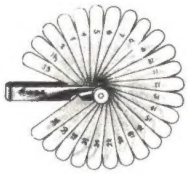
000-A NINE BLADE GAUGE

CALIFORNIA TOOL CO.
SPECIAL GAUGE



FG-12 15 BLADES: 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 20, & 25 THOUSANDTHS

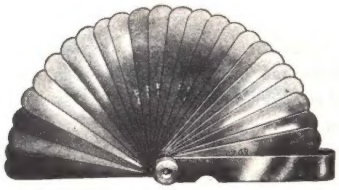
PROTO
STANDARD FEELER GAUGE SET



25 short blades, 0015 through 040, except 019, in 000C holder,

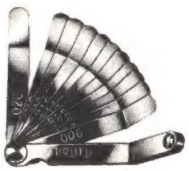
000-AA 25 BLADE GAUGE
IND. BLADES, 0015 TO 040

CALIFORNIA TOOL CO.
MASTER GAUGE



FG- 2 25 BLADES: 1-1/2, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 29, 30, 32 & 35 THOUSANDTHS

PROTO BENT GAUGE SET



Eleven 1/2 X 4-3/16" bent blades, .006", .008", .010", .011", .012", .013", .014", .015", .018", .019" & .020" in holder and plastic pouch.

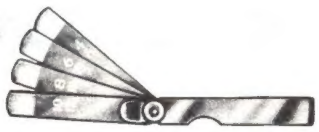
000-M 11 BLADE GAUGE

2-in-1 Gauges

CALIFORNIA TOOL CO.
GO-NO-GO FEELER GAUGE

FG-14-A FIFTEEN 1/2 X 3" BLADES: 4/6, 5/7, 6/8, 7/9, 8/10, 9/11 10/12, 11/13, 12/14, 13/15, 14/16, 15/17, 16/18, 17/19 & 18/20 THOUSANDTHS
EXTRA BLADES ONLY

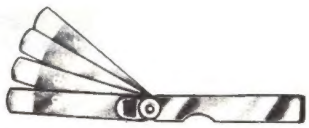
PROTO STEP-CUT GAUGE SET



Four blades, 004/6, 006/8, 008/10 and 010/12, in 000C holder.

000-B 4 BLADE GAUGE

PROTO STEP-CUT GAUGE SET



Eight blades, 004/6 through 011/13, in 000C holder.

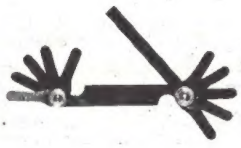
000-BB 8 BLADE GAUGE
IND. BLDS. 004/6 TO 020/22

Ignition Gauges

CALIFORNIA TOOL CO.
IGNITION GAUGE

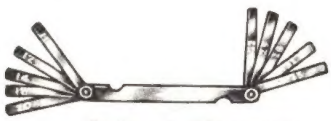
FG-15-A SIXTEEN 1/4 X 1-3/4" BLADES! 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 24, 25, 28, 30, & 32 THOUSANDTHS

CALIFORNIA TOOL CO.
IGNITION GAUGE



FG-6-A ELEVEN 1/4 X 1-1/4" BLDS.: 12, 13, 14, 15, 18, 20, 22, 25, 28, 32 & 35 THOUSANDTHS, ONE 3" POINT FILE

PROTO IGNITION GAUGE SET



Blades not sold separately.

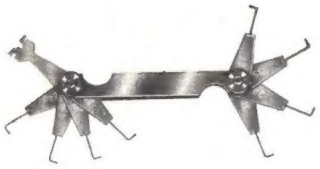
Ten 3/16" wide by 1-1/2" long blades, .013", .015", .017", .018", .020", .025", .030", .032", .035" and .040" thick in a holder.

000-D 10 BLADE GAUGE

AUTO MECHANIC'S TOOLS

Spark Plug Gauges

CALIFORNIA TOOL CO. SPARK PLUG GAUGE



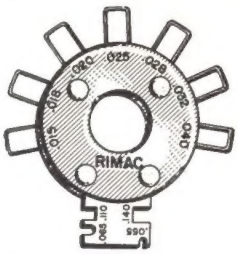
FG-7 EIGHT BENT WIRE BLADES: 1-1/2" LONG 22, 25, 28, 30, 32, 35, 38 & 40 THOUSANDTHS ONE ELECTRODE ADJUSTING TOOL

WILDE SPARK PLUG GAPPER

For quickly and accurately setting spark plug electrodes. This tool assures a uniform, parallel gap for a fatter, surer spark. It is a great time saver because the electrodes are set and gauged in one fast precise operation without usual spring back.

CF-71 LENGTH, 7-1/2"
CF-71-1 GAUGE PLATE
CF-71-2 PRESSURE PAD

RIMAC SPARK PLUG GAGE

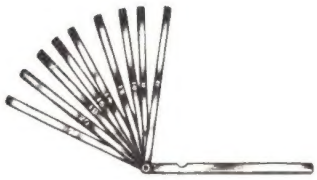


Adjusts and gauges accurately all types of spark plugs from the smallest outboard motor to the largest gasoline truck, tractor or stationary motor. Seven wire sizes, .015, .018, .020, .025, .028, .032, .040.

6 SPARK PLUG GAUGE

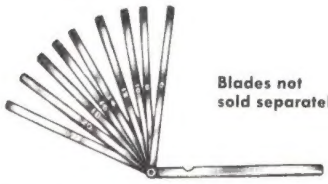
Brake Gauges

CALIFORNIA TOOL FEELER GAUGE



FG-8 NINE 1/4 X 3-7/8" BLADES: 4, 5, 6, 7, 8, 10, 12 AND 15 THOUSANDTHS

PROTO BRAKE GAUGE SET



Blades not sold separately.

Nine 3/16" by 4" blades, .006", .008", .010", .012", .014", .016", .018", .020" and .025" thick, in holder.

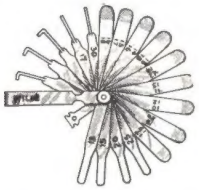
000-E 9 BLADE GAUGE

CALIFORNIA TOOL CO. FEELER STOCK HOLDER

FG-10 SINGLE
FG-11 DOUBLE

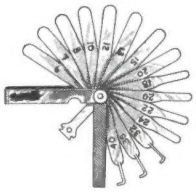
Special & Combination Gauges

CALIFORNIA TOOL CO. SPECIAL FORD GAUGE



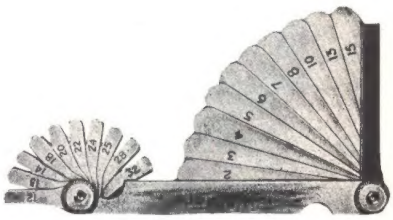
FG-3-A NINE 1/2 X 3" GO-NO-GO BLADES: 10/12, 11/13, 13/15, 14/16, 15/17, 16/18, 17/19 & 18/20. FOUR 1/2 X 3" BLADES: TAPERED TO 1/4" WIDE, 13, 15, 20 AND 25. FOUR 3" LONG BENT WIRE BLADES: 25, 28, & 30. TWO 3" LONG STRAIGHT WIRE BLADES: 17 & 30 THOUSANDTHS & ONE ELECTRODE ADJUSTING TOOL

CALIFORNIA TOOL CO. SPECIAL CHEVROLET GAUGE



FG-4-A EIGHT 1/2 X 3" BLADES: 6, 7, 8, 10, 12, 13, 15 AND 20. FOUR 1/2 X 3" BLADES, TAPERED TO 1/4": 18, 20, 22 & 24. THREE 3" LONG BENT WIRE BLADES: 32, 35 AND 40 THOUSANDTHS. ONE POINT FILE AND ONE ELECTRODE ADJUSTING TOOL

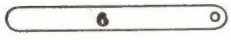
CALIFORNIA TOOL CO. COMBINATION GAUGE



FG-5-A TEN 1/2 X 3" BLADES, 2, 3, 4, 5, 6, 7, 8, 10, 13 AND 15 THOUSANDTHS. TEN 1/4 X 1-1/4" IGNITION BLADES: 12, 13, 15, 18, 20, 22, 24, 25, 28 AND 32 THOUSANDTHS. ONE 3" POINT FILE

Feeler Gauge Stock

3" FEELER STOCK



EXTRA 3" BLADES ONLY

12" FEELER STOCK

EXTRA 12" BLADES ONLY

SPECIAL BENT BLADES

.019 3-1/2" LONG
.020 3-1/2" LONG

C

Chisels, See Promotional Section 411

CHUCKS
- Air 330, 331
- Electrical Tools 202
- Key 202

CIRCULAR
- Cutters 137, 138, 141
- Saws 137, 138, 141
- Saws Attachment 212
- Snips 269

CIRCUIT, Tracers 390

C & L TORCHES ..... Indexed by Item

CLAMPS
- Adjustable 86
- Bar 129
- Bumper 322
- "C" 128, 129
- Cable 342
- Carriage 128, 129
- Corner 129
- Cylinder 347
- Frame 129
- Hold Down 128
- Hose 130
- Mitre 129
- Parallel 86
- Pliers ..... 92 thru 95
- Pony 128, 129
- Rule 56, 90
- Saw 50
- Spring ..... 128 thru 130
- Trailer 322
- V-Block 86
- Wood 128, 129

Clamps, See Promotional Section 421

CLAW
- Hammer ..... 9 thru 12
- Hatchet 23
- Tack 27

CLEANERS
- Chamois 219
- Chrome 241
- Dust Cloth 219
- Engine 334
- Hand 244
- Mitts 219
- Paint Brush 242
- Piston Ring 374
- Post 338, 339
- Ring Groove 374
- Rubbing Compound 241
- Spark Plug 391
- Sponges 218
- Terminal 339
- Valve Guide 371

CLIPPERS
- Bolt 274
- Fingernail 273

CLOSET, Augers 163

CLOTH
- Crocus 178, 179
- Emery 178, 179
- Emery Belts 180
- Sleeves 180

CLOTHESLINE, Reels 231

CLUTCH
- Aligning Tool 320
- Head Screwdrivers 114

COLD, Chisels 30

COLLARS, Shaft 403

C

COMMUTATOR, Stones 185

COMBINATION
- Gauges 361, 385
- Locks 223
- Screwdrivers 114
- Snips 269
- Square 66
- Taps 150
- Wrenches 286, 287

COMPASS
- Pencil 69
- Saw 46

Compass, See Promotional Section 416

COMPOUND, Rubbing 241

COMPRESSION
- Adapter 384
- Gauges 384
- Kits 383

COMPRESSORS
- Ring 375
- Spring ..... 366 thru 368
- Valve Spring 371

CONCRETE
- Drills 136
- Gads 32

CONDUIT, Benders 162

CONES, Compression Gauge 384

CONNECTING ROD, Micrometers 75

CONTACT, Files 172

COOK, Stove 233

COPING
- Blades 45
- Saws 44

CORDS
- Drop 230, 231
- Reels 229

Drop Cords, See Promotional Section .. 430

CORK, Floats 283

CORNER, Clamps 129

CORNERING TOOL 268

CRESTOLOY ..... Indexed by Item

CROFT ..... Indexed by Item

CROSS PEIN, Hammers 17

COTTER, Extractor 347

COTTON
- Bonnets 220
- Chalk Line 69

COUNTERSINKS
- Drill 143
- Screwdriver Bits 108
- Sets 143

COUPLERS
- Air 336, 337
- Nipples 336, 337
- Trailer 321

COUPLINGS, Hose 336, 337

Crate Openers, See Promotional Section. 409

CRANKSHAFT
- Micrometers 76
- Pullers 317

C

CRAYON, Carpenters 69

CREEPERS 326

CROCUS, Cloth 178, 179

CROSS
- Cut Files 167
- Rim Wrench 352

CROW Bars 26

CROWFOOT
- Socket 296
- Wrench 296

C & S TAPE ..... Indexed by Item

C.T.I., FEELER BLADES . Indexed by Item

CUP
- Brush 186
- Vacuum 372

CURB Edger 282

CURVED Edger 282

CUT-OFF Wheels 182, 183

CUTTERS
- Bolt 274
- Bushing 359
- Hole 141
- Panel 380
- Plane 38
- Plug 143
- Wire 274

CYLINDER
- Brake Hones 343
- Clamp 347
- Hones 343, 377
- Puller 312
- Ridge Reamer 373
- Test Indicator 81

D

DASCO ..... Indexed by Item

DEGLAZING HONE
- Hones 376, 377
- Stones 376, 377

DENTAL Snips 270

DEPTH Gauges 84

DEVEL Level 62

DIAGONAL Pliers 99, 100

DIAL
- Test Indicator 81, 82
- Transmission Tools 399

DIAMOND, Point Chisel 29

DIE Set 149, 150

DIES
- Adjustable 148
- Bolt 148
- Carbon 148
- Double Hexagon 147
- Fractional 148
- Handles 146
- Hexagon 147
- Left Hand 145
- Machine Screw 147
- Metric 145